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Facsimile No.: 571 273 5959 Date: April 22, 2009  
From: Eric S. Hyman, Reg. No. 30,139  
Our Docket No.: 15675P559 Number of pages        including this sheet.  
Application: 10/516,998 Filing Date: 12/3/2004

**Subject**

Examiner's Amendment

**Remarks**

Attached, please find a copy of the Amendment to the claims as discussed in our telephone conversation of April 22, 2009.

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Attorney Docket No. 15675P559

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Patent Application of:

**Thierry Leon Lagarde, et al.**

Application No. 10/516,998

Filed: August 16, 2005

For: **DEVICE FOR PRODUCTION OF A  
PLASMA SHEET**

Examiner: Rakesh Kumar Dhingra

Art Unit: 1792

Confirmation No.: 1367

**PROPOSED AMENDMENT**

Mail Stop: Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In connection with the Examiner's amendments proposed telephonically on April 22, 2009, Applicant hereby submits the proposed amendment reflecting the Examiner's amendments to Claim 1, in addition to Applicant's further amendments to the claims in which Applicant has added two new dependent claims, namely Claim 14 and Claim 15, as follows.

1. (Currently Amended) A device for producing a plasma in a chamber comprising means for producing an energy in the microwave spectrum for the excitation of the plasma, said means comprising at least one basic plasma excitation device comprising a coaxial applicator of microwave energy, of which one end is directly connected to a production source of microwave energy, the other end being directed to the gas to be excited within the chamber, wherein each basic excitation device is arranged in the wall of the chamber, ~~each~~-applicator comprising a central core which is substantially flush with the ~~level~~-interior surface of the wall of the chamber, the central core and the thickness of the wall of the chamber being separated by a space coaxial with the central core, this space being completely filled at least at one end of ~~each-said~~ applicator with a solid dielectric material such that said material is substantially flush with the ~~level~~-interior surface of the wall of the chamber.

14. (New) The device of claim 1, wherein a common single source of microwave energy is connected to said one end of a plurality of coaxial applicators.

15. (New) The device of claim 1, wherein a source of microwave energy is connected respectively to said one end of each coaxial applicator.

REMARKS

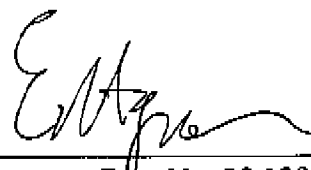
Further to the Examiner's amendment, Applicant has added new claim 14 which is supported by the specification page 10, lines 1 to 6 "*It is also possible to use a single microwave power generator and then divide this power to distribute it to each applicator 4*", and new claim 15 is supported by the specification page 9, lines 35 to 38 "*it is possible to use a microwave power generator that is adjustable by applicator. For example, a transistorized microwave source can be used for each applicator*".

Accordingly, further to the Examiner's amendment, and in addition to Applicant's addition of two new dependent claims, Applicant submits that the subject application is now in condition for allowance.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR, & ZAFMAN LLP

Dated: April 22, 2009

By:   
Eric S. Hyman, Reg. No. 30,139